DTP DVI 330 • Setup Guide

IMPORTANT: Refer to www.extron.com for the complete user guide, installation instructions, and specifications before connecting the product to the power source.

This guide provides quick start instructions for an experienced installer to set up and operate the Extron DTP DVI 330 digital video extender. The DTP DVI 330 transmitter and receiver pair can extend a DVI signal up to 330 feet (100 m).

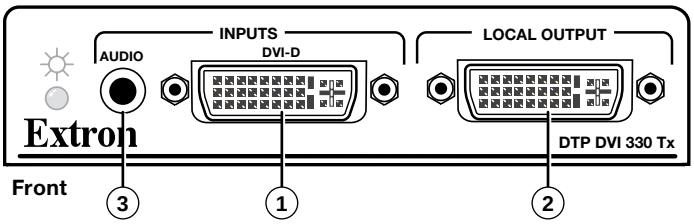
NOTE: For full installation and operation details, see the *DTP DVI 330 User Guide*, available at www.extron.com).

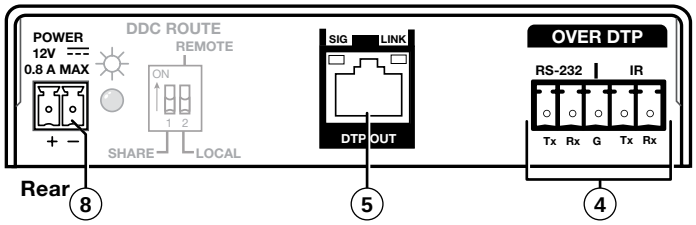
Installation

Step 1 — Mounting

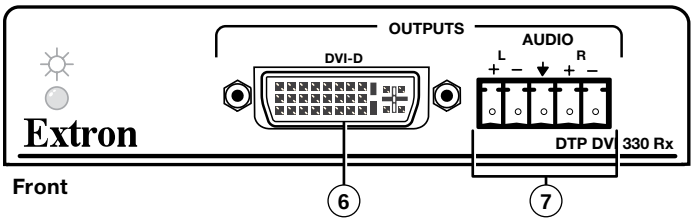
Turn off or disconnect all equipment power sources and mount the Tx and Rx units as required.

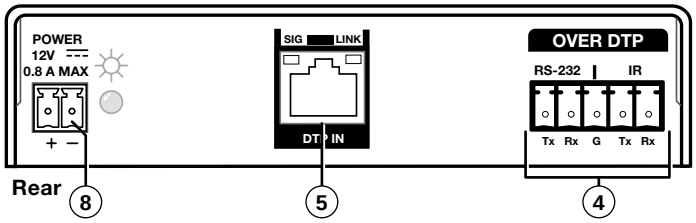
DTP DVI 330 Tx





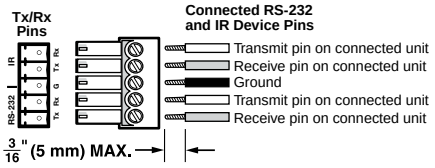
DTP DVI 330 Rx





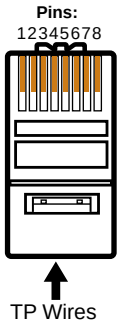
Step 2 — Connections

1. **DVI Input connector (Tx)** — Connect a DVI cable between this port and the DVI output port of the digital video source.
2. **Local Output connector (Tx)** — If desired, connect a DVI monitor for local monitoring of the input digital image.
3. **Audio input (Tx)** — Connect an unbalanced stereo audio source to this 3.5 mm mini stereo jack for an analog audio input.
4. **RS-232 and IR connectors (both units)** — To pass serial or infrared data or control signals, such as serial control of a projector, connect the master device to the transmitter and the slave device to the receiver via the RS-232 and IR captive screw connector on both units.



5. **DTP RJ-45 connectors (both units)** — Connect transmitter DTP Out to receiver DTP In. Extron recommends that you terminate both cable ends in accordance with the following specifications, at a minimum:
   - TIA/EIA T 568 B
   - CAT 6A, shielded
   - 24 AWG, solid conductor

ATTENTION: Do not connect these devices to a computer data or telecommunications network.



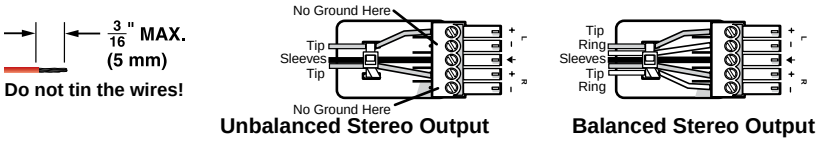
Pin	TIA/EIA T 568 B Wire color
1	White-orange
2	Orange
3	White-green
4	Blue
5	White-blue
6	Green
7	White-brown
8	Brown

Sig(nal) LED (both units) — This LED lights when the unit is receiving a TMDS clock signal on the DVI input (transmitter) or any valid signal on the DTP In connector (receiver).

Link LED (both units) — This LED lights when a valid link is established between the units on the DTP cable.

6. **DVI Output connector (Rx)** — Connect a display with a DVI input for display of the transmitted direct digital image.

⑦ **Audio Output connector (Rx)** — Connect a balanced or unbalanced stereo or mono audio device to the receiver via the Audio captive screw connector. See the drawing below.

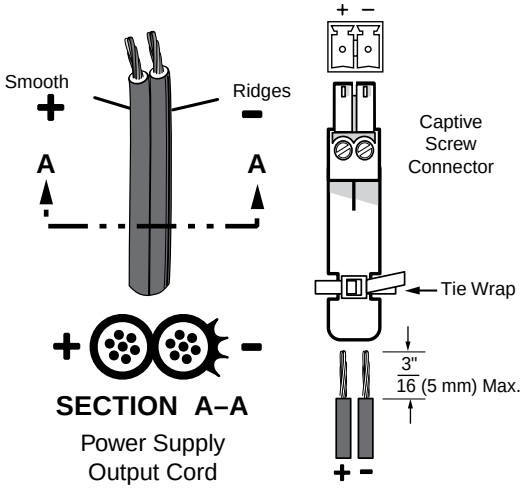


ATTENTION: Connect the sleeves to the ground contact. **DO NOT** connect the sleeves to the negative (–) contacts.

⑧ **Power connector** — Connect an IEC power cord between the included 12 VDC power supply and a 100-240 VAC, 50-60 Hz source. Connect the power supply to either unit as shown at right.

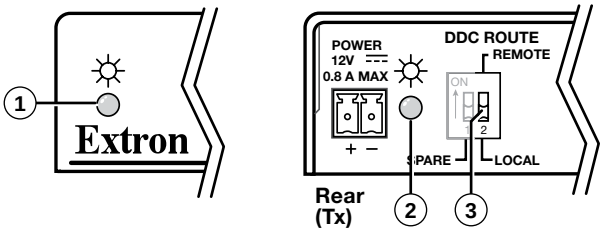
ATTENTION: This product is intended to be supplied by a Listed Power Unit marked "Class 2" or "LPS," rated 12 VDC, 1.0 A. Always use a power supply supplied by or specified by Extron. Use of an unauthorized power supply voids all regulatory compliance certification and may cause damage to the supply and the end product. Unless otherwise stated, the AC/DC adapters are not suitable for use in air handling spaces or in wall cavities. The installation must always be in accordance with the applicable provisions of National Electrical Code ANSI/NFPA 70, article 75 and the Canadian Electrical Code part 1, section 16. The power supply shall not be permanently fixed to a building structure or similar structure.

NOTE: Only one power supply is required. A single power supply connected to either unit in the pair powers both units. A power supply is included with each transmitter.



Operation

After all devices are powered up, the system is fully operational. See the definitions of the power indications (shown at right), below:



① **Power LED (front panel)** —

Amber — The unit is receiving power, either locally or remotely (on the DTP cable).

Green — The unit is powered on and is receiving an active DVI signal, either on the DVI input if a transmitter, or transmitted on the DTP cable if a receiver.

② **Power LED (rear panel)** —

Amber — The unit is receiving power remotely (on the DTP cable).

Green — The unit is receiving power locally.

③ **DDC Route switch** — This rear panel switch selects either the remote or local DVI display as the display data channel (DDC) reference for EDID and HDCP communication.

If any problems are encountered, verify that the cables are routed and connected properly. If your problems persist, call the Extron S3 Sales and Technical Support Hotline that is closest to you, at the number shown below.

Extron Headquarters	Extron Europe	Extron Asia	Extron Japan	Extron China	Extron Middle East	Extron Korea	Extron India
+800.633.9876 Inside USA/Canada Only	+800.3987.6673 Inside Europe Only	+800.7339.8766 Inside Asia Only	+81.3.3511.7655	+4000.EXTRON +4000.398766 Inside China Only	+971.4.299.1800	+82.2.3444.1571	1800.3070.3777 Inside India Only
Extron USA - West +1.714.491.1500 +1.714.491.1517 FAX	**Extron USA - East** +1.919.850.1000 +1.919.850.1001 FAX	+31.33.453.4040 +31.33.453.4050 FAX	+81.3.3511.7656 FAX	+86.21.3760.1568 +86.21.3760.1566 FAX	+971.4.299.1880 FAX	+82.2.3444.1575 FAX	+91.80.3055.3777 +91.80.3055.3737 FAX

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